

### Chasing El Niño Video Questions

Name: \_\_\_\_\_ Period: \_\_\_\_\_ Date: \_\_\_\_\_

1. What are the three things that are required to make weather happen?
2. Where does El Niño take place and how does it occur?
3. What happened to the buoy that the scientists were searching for?
4. What happens to the temperature of the ocean water in Peru when El Niño arrives?
5. Why did the scientists put numerous buoys across the Pacific Ocean? How do they help us to know when an El Niño is about to arrive?
6. How does a reduction in the trade winds allow for warm water to makes its way to the Eastern Pacific Ocean?
7. What are the impacts of El Niño across the world?
8. Why does warm ocean water increase the amount of rainfall in a given area?
9. What happens in Australia, Indonesia, and the Western Pacific Ocean when El Niño occurs?

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10. What happens in California, Peru, and the Eastern Pacific Ocean when El Niño occurs?
  11. What is a blocking front? How did it affect precipitation amounts on the California Coast?
  12. What happens to developing hurricanes in the Atlantic Ocean during an El Niño year?
  13. What happens to winter weather in places like Minnesota when El Niño arrives?
  14. How did the 1997-1998 El Niño cause death, destruction, and sickness in Peru?
  15. What happened to the Peruvian fish catches during the 1997-1998 El Niño?
  16. How has El Niño affected past societies?
  17. How can tree rings (dendrochronology) tell us about past El Niños?
  18. How did El Niño favor the evolution of smaller beaked finches on the Galapagos Islands?
  19. Is there a connection between El Niño and Global Warming?
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